Recombinant Full Length Human CHD1L Protein, C-Flag-tagged

Cat. No. CHD1L-1334HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CHD1L Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a DNA helicase protein involved in DNA repair. The protein converts ATP to add poly(ADP-ribose) as it regulates chromatin relaxation following DNA damage. Overexpression of this gene has been linked to several types of cancers.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	100.8 kDa
AA Sequence	MERAGATSRGGQAPGFLLRLHTEGRAEAARVQEQDLRQWGLTGIHLRSYQLEGVN WLAQRFHCQNGCILG DEMGLGKTCQTIALFIYLAGRLNDEGPFLILCPLSVLSNWKE EMQRFAPGLSCVTYAGDKEERACLQQDL KQESRFHVLLTTYEICLKDASFLKSFPW SVLVVDEAHRLKNQSSLLHKTLSEFSVVFSLLLTGTPIQNSL QELYSLLSFVEPDLFS KEEVGDFIQRYQDIEKESESASELHKLLQPFLLRRVKAEVATELPKKTEVVIYH GMSA LQKKYYKAILMKDLDAFENETAKKVKLQNILSQLRKCVDHPYLFDGVEPEPFEVGDH LTEASGKLH LLDKLLAFLYSGGHRVLLFSQMTQMLDILQDYMDYRGYSYERVDGSV RGEERHLAIKNFGQQPIFVFLLS TRAGGVGMNLTAADTVIFVDSDFNPQNDLQAAAR

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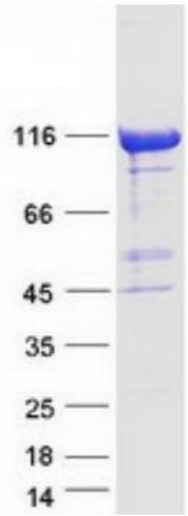
	AHRIGQNKSVKVIRLIGRDTVEEIVYRKAASKLQLT NMIIEGGHFTLGAQKPAADADL QLSEILKFGLDKLLASEGSTMDEIDLESILGETKDGQWVSDALPAAEG GSRDQEEGK NHMYLFEGKDYSKEPSKEDRKSFEQLVNLQKTLLEKASQEGRSLRNKGSVLIPGLVE GSTK RKRVLSPEELEDRQKKRQEAAAKRRRLIEEKKRQKEEAEHKKKMAWWESNN YQSFCLPSEESEPEDLENG EESSAELDYQDPDATSLKYVSGDVTHPQAGAEDALIV HCVDDSGHWGRGGLFTALEKRSAEPRKIYELAG KMKDLSLGGVLLFPVDDKESRN KGQDLLALIVAQHRDRSNVLSGIKMAALEEGLKKIFLAAKKKKASVHL PRIGHATKGFNWYGTERLIRKHLAARGIPTYIYYFPRSKSAVLHAQSSSSSSRQLVPT RTRPLEQKLISEEDLAANDILDYKDDDDKV	
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CHD1L chromodomain helicase DNA binding protein 1 like [Homo sapiens (human)]
Official Symbol	CHD1L
Synonyms	ALC1; CHDL

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Gene ID	9557
mRNA Refseq	NM_004284.6
Protein Refseq	NP_004275.4
MIM	613039
UniProt ID	Q86WJ1



Coomassie blue staining of purified CHD1L protein.

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